1. Create a washing machine class with methods as switchOn, acceptClothes, acceptDetergent, switchOff. acceptClothes accepts the noofClothes as argument & returns the noofClothes

2. Create a calculator class which will have methods add, multiply, divide & subtract

3. Create a class called Student which has the following methods:

i. Average: which would accept marks of 3 examinations & return whether the student has passed or failed depending on whether he has scored an average above 50 or not.

ii. Inputname: which would accept the name of the student & returns the name.

4. Create a Bank class with methods deposit & withdraw. The deposit method would accept attributes amount & balance & returns the new balance which is the sum of amount & balance. Similarly, the withdraw method would accept the attributes amount & balance & returns the new balance ‘balance – amount’ if balance > = amount or return 0 otherwise.

5. Create an Employee class which has methods netSalary which would accept salary & tax as arguments & returns the netSalary which is tax deducted from the salary. Also it has a method grade which would accept the grade of the employee & return grade.